

Appl. No. : 09/550,545
Filed : April 14, 2000

AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions and listings of claims. Only those claims being amended herein show their changes in highlighted form, where insertions appear as underlined text (e.g., insertions) while deletions appear as strikethrough text or brackets (e.g., ~~deletions~~ or ~~[[deletions]]~~). Accordingly, please amend Claims 15-19, 29-33, 37-41, 45-49, 57-58, and 61-62 and add Claims 67-74 as follows:

1.-14. (Cancelled)

15. (Currently Amended) An electronic device for communication with a user comprising:

a memory comprising a plurality of nodes indicating music item classifications;

an input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse;

an output device operative to display a hierarchical graphical library tree, the hierarchical graphical library tree graphically depicting the nodes, one or more of the nodes in the hierarchical graphical library tree having a plurality of children nodes that relate to the node and/or one or more music track(s), each node in the plurality of nodes being represented by either a graphical image or text; ~~[[and]]~~

the output device having a graphical display indicating (a) a child node of the plurality of children nodes in the hierarchical graphical library tree, and/or (b) ~~[[the]]~~ music track information related to the child node, the child node and/or the music track information being operative to be movable or copyable from a first location where the child node and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to ~~[[a]]~~ one of a plurality of user-indicated second locations ~~[[location]]~~ where the child node and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree and the moving or copying to the one of the plurality of user-indicated second locations is operative to be performed in response to a signal from the input device used to indicate a move or a copy of the child node and/or the music track from the first location to the second location ~~[[using]]~~ in the hierarchical graphical library tree; and

Appl. No. : 09/550,545
Filed : April 14, 2000

wherein the hierarchical graphical library tree comprises at least one of:

a playlist node having one or more children nodes that each are respectively associated with playlists of music items;

an artist node having one or more children nodes that are each respectively associated with a selected author;

a genre node having one or more children nodes that are each respectively associated with a selected genre; and

an album node having one or more children nodes that are each respectively associated with a selected album.

16. (Currently Amended) An electronic device for communication with a user comprising:

a memory comprising a plurality of nodes indicating music item classifications;

an input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse;

an output device operative to display a hierarchical graphical library tree, the hierarchical graphical library tree graphically depicting the nodes, one or more of the nodes in the hierarchical graphical library tree having a plurality of children nodes that relate to the node and/or one or more music track(s), each node in the plurality of nodes being represented by either a graphical image or text;

the output device having a graphical display indicating (a) a child node of the plurality of children nodes in the hierarchical graphical library tree, and/or (b) music track information related to the child node, the child node and/or the music track information being operative to be movable or copyable from a first location where the child node and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the child node and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree and the moving or copying to the one of the plurality of user-indicated second locations is operative to be performed in response to a signal from the input device used to indicate a

Appl. No. : 09/550,545
Filed : April 14, 2000

move or a copy of the child node and/or the music track from the first location to the second location in the hierarchical graphical library tree; and

~~The electronic device of Claim 15,~~ wherein the hierarchical graphical library tree comprises at least a playlist node having one or more children nodes that each are respectively associated with playlists of music items.

17. (Currently Amended) An electronic device for communication with a user comprising:

a memory comprising a plurality of nodes indicating music item classifications;

an input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse;

an output device operative to display a hierarchical graphical library tree, the hierarchical graphical library tree graphically depicting the nodes, one or more of the nodes in the hierarchical graphical library tree having a plurality of children nodes that relate to the node and/or one or more music track(s), each node in the plurality of nodes being represented by either a graphical image or text;

the output device having a graphical display indicating (a) a child node of the plurality of children nodes in the hierarchical graphical library tree, and/or (b) music track information related to the child node, the child node and/or the music track information being operative to be movable or copyable from a first location where the child node and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the child node and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree and the moving or copying to the one of the plurality of user-indicated second locations is operative to be performed in response to a signal from the input device used to indicate a move or a copy of the child node and/or the music track from the first location to the second location in the hierarchical graphical library tree; and

~~The electronic device of Claim 15,~~ wherein the hierarchical graphical library tree comprises at least an artist node having one or more children nodes that are each respectively associated with a selected author.

Appl. No. : 09/550,545
Filed : April 14, 2000

18. (Currently Amended) An electronic device for communication with a user comprising:

a memory comprising a plurality of nodes indicating music item classifications;
an input device comprising at least one of a keyboard, a rollerball, a pen, a stylus,
a touchscreen, a microphone, and a mouse;

an output device operative to display a hierarchical graphical library tree, the
hierarchical graphical library tree graphically depicting the nodes, one or more of the
nodes in the hierarchical graphical library tree having a plurality of children nodes that
relate to the node and/or one or more music track(s), each node in the plurality of nodes
being represented by either a graphical image or text;

the output device having a graphical display indicating (a) a child node of the
plurality of children nodes in the hierarchical graphical library tree, and/or (b) music track
information related to the child node, the child node and/or the music track information
being operative to be movable or copyable from a first location where the child node
and/or music track information indicates an association with one of the plurality of nodes
in the hierarchical graphical library tree to one of a plurality of user-indicated second
locations where the child node and/or music track information indicates an association
with another of the plurality of nodes in the hierarchical graphical library tree and the
moving or copying to the one of the plurality of user-indicated second locations is
operative to be performed in response to a signal from the input device used to indicate a
move or a copy of the child node and/or the music track from the first location to the
second location in the hierarchical graphical library tree; and

~~The electronic device of Claim 15,~~ wherein the hierarchical graphical library tree comprises at least a genre node having one or more children nodes that are each respectively associated with a selected genre.

19. (Currently Amended) An electronic device for communication with a user comprising:

a memory comprising a plurality of nodes indicating music item classifications;
an input device comprising at least one of a keyboard, a rollerball, a pen, a stylus,
a touchscreen, a microphone, and a mouse;

Appl. No. : 09/550,545
Filed : April 14, 2000

an output device operative to display a hierarchical graphical library tree, the hierarchical graphical library tree graphically depicting the nodes, one or more of the nodes in the hierarchical graphical library tree having a plurality of children nodes that relate to the node and/or one or more music track(s), each node in the plurality of nodes being represented by either a graphical image or text;

the output device having a graphical display indicating (a) a child node of the plurality of children nodes in the hierarchical graphical library tree, and/or (b) music track information related to the child node, the child node and/or the music track information being operative to be movable or copyable from a first location where the child node and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the child node and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree and the moving or copying to the one of the plurality of user-indicated second locations is operative to be performed in response to a signal from the input device used to indicate a move or a copy of the child node and/or the music track from the first location to the second location in the hierarchical graphical library tree; and

~~The electronic device of Claim 15,~~ wherein the hierarchical graphical library tree comprises at least an album node having one or more children nodes that are each respectively associated with a selected album.

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Previously Presented) The electronic device of Claim 15, wherein the child node is movable by selecting and dragging the child node.

26. (Previously Presented) The electronic device of Claim 15, wherein the child node corresponds to a music track stored on a CD.

Appl. No. : 09/550,545
Filed : April 14, 2000

27. (Previously Presented) The electronic device of Claim 15, wherein the music track information corresponds to a music track stored in a system memory in a compressed data format.

28. (Cancelled)

29. (Currently Amended) A method for managing a music system with an electronic device having an output device, the method comprising:

indicating music item classifications with a plurality of nodes with the output device;

displaying the nodes on the output device with a hierarchical graphical library tree;

displaying adjacent one or more of the nodes in the hierarchical graphical library tree a plurality of children nodes that relate to the node and/or one or more music track(s);

displaying at a location on the output device each node in the plurality of nodes with either a graphical image or text symbols;

displaying on the output device one of the children nodes in the plurality of children nodes in the hierarchical graphical library tree, and/or the music track information related to at least one of the children node; [[and]]

moving or copying one of the children node(s) and/or music track information from a first location on the output device where at least one of the children node(s) and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to [[a]] one of a plurality of user-indicated second locations [[location]] where the at least one of the children node(s) and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, in response to a signal from an input device used to indicate a move or a copy of the at least one of the children node(s) and/or the music track information from the first location to the second location [[using]] in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

wherein the hierarchical graphical library tree comprises at least one of:

Appl. No. : 09/550,545
Filed : April 14, 2000

a playlist node having one or more children nodes that each are respectively associated with playlists of music items;

an artist node having one or more children nodes that are each respectively associated with a selected author;

a genre node having one or more children nodes that are each respectively associated with a selected genre; and

an album node having one or more children nodes that are each respectively associated with a selected album.

30. (Currently Amended) A method for managing a music system with an electronic device having an output device, the method comprising:

indicating music item classifications with a plurality of nodes with the output device;

displaying the nodes on the output device with a hierarchical graphical library tree;

displaying adjacent one or more of the nodes in the hierarchical graphical library tree a plurality of children nodes that relate to the node and/or one or more music track(s);

displaying at a location on the output device each node in the plurality of nodes with either a graphical image or text symbols;

displaying on the output device one of the children nodes in the plurality of children nodes in the hierarchical graphical library tree, and/or the music track information related to at least one of the children node;

moving or copying one of the children node(s) and/or music track information from a first location on the output device where at least one of the children node(s) and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the at least one of the children node(s) and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, in response to a signal from an input device used to indicate a move or a copy of the at least one of the children node(s) and/or the music track information from the first location to the second location in the hierarchical graphical library tree, the input device

Appl. No. : 09/550,545
Filed : April 14, 2000

comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

The method of Claim 29, wherein the hierarchical graphical library tree comprises at least a playlist node having one or more children nodes that each are respectively associated with playlists of music items.

31. (Currently Amended) A method for managing a music system with an electronic device having an output device, the method comprising:

indicating music item classifications with a plurality of nodes with the output device;

displaying the nodes on the output device with a hierarchical graphical library tree;

displaying adjacent one or more of the nodes in the hierarchical graphical library tree a plurality of children nodes that relate to the node and/or one or more music track(s);

displaying at a location on the output device each node in the plurality of nodes with either a graphical image or text symbols;

displaying on the output device one of the children nodes in the plurality of children nodes in the hierarchical graphical library tree, and/or the music track information related to at least one of the children node;

moving or copying one of the children node(s) and/or music track information from a first location on the output device where at least one of the children node(s) and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the at least one of the children node(s) and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, in response to a signal from an input device used to indicate a move or a copy of the at least one of the children node(s) and/or the music track information from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

Appl. No. : 09/550,545
Filed : April 14, 2000

~~The method of Claim 29~~, wherein the hierarchical graphical library tree comprises at least an artist node having one or more children nodes that are each respectively associated with a selected author.

32. (Currently Amended) A method for managing a music system with an electronic device having an output device, the method comprising:

indicating music item classifications with a plurality of nodes with the output device;

displaying the nodes on the output device with a hierarchical graphical library tree;

displaying adjacent one or more of the nodes in the hierarchical graphical library tree a plurality of children nodes that relate to the node and/or one or more music track(s);

displaying at a location on the output device each node in the plurality of nodes with either a graphical image or text symbols;

displaying on the output device one of the children nodes in the plurality of children nodes in the hierarchical graphical library tree, and/or the music track information related to at least one of the children node;

moving or copying one of the children node(s) and/or music track information from a first location on the output device where at least one of the children node(s) and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the at least one of the children node(s) and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, in response to a signal from an input device used to indicate a move or a copy of the at least one of the children node(s) and/or the music track information from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

~~The method of Claim 29~~, wherein the hierarchical graphical library tree comprises at least a genre node having one or more children nodes that are each respectively associated with a selected genre.

Appl. No. : 09/550,545
Filed : April 14, 2000

33. (Currently Amended) A method for managing a music system with an electronic device having an output device, the method comprising:

indicating music item classifications with a plurality of nodes with the output device;

displaying the nodes on the output device with a hierarchical graphical library tree;

displaying adjacent one or more of the nodes in the hierarchical graphical library tree a plurality of children nodes that relate to the node and/or one or more music track(s);

displaying at a location on the output device each node in the plurality of nodes with either a graphical image or text symbols;

displaying on the output device one of the children nodes in the plurality of children nodes in the hierarchical graphical library tree, and/or the music track information related to at least one of the children node;

moving or copying one of the children node(s) and/or music track information from a first location on the output device where at least one of the children node(s) and/or music track information indicates an association with one of the plurality of nodes in the hierarchical graphical library tree to one of a plurality of user-indicated second locations where the at least one of the children node(s) and/or music track information indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, in response to a signal from an input device used to indicate a move or a copy of the at least one of the children node(s) and/or the music track information from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

The method of Claim 29, wherein the hierarchical graphical library tree comprises at least an album node having one or more children nodes that are each respectively associated with a selected album

34. (Previously Presented) The method of Claim 29, further comprising moving the children nodes by selecting and dragging the children nodes.

Appl. No. : 09/550,545
Filed : April 14, 2000

35. (Previously Presented) The method of Claim 29, wherein at least one of the children nodes corresponds to a music track stored on a CD.

36. (Previously Presented) The method of Claim 29, wherein the music track information corresponds to a music track stored in a system memory in a compressed data format.

37. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein at least one of the plurality of children nodes relates to at least one music track accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes; [[and]]

computer readable program code for causing said client electronic device to move or copy the display of at least one of the plurality of children nodes or at least one music track from a first location, where the at least one of the plurality of children nodes or the at least one music track indicates an association with one of the plurality of nodes in the hierarchical graphical library tree, to [[a]] one of a plurality of user-indicated second locations [[location]] where the at least one of the plurality of children nodes or the at least one music track indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, the moving or copying being performed in response to a signal from an input device used to indicate a move or a copy of the at least one of the plurality of children nodes or the at least one music track from the first location to the second location [[using]] in the hierarchical graphical library tree, the input device

Appl. No. : 09/550,545
Filed : April 14, 2000

comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

wherein computer readable program code causes said client electronic device to display on the said client electronic device the hierarchical graphical library tree comprising at least one of:

a playlist node having one or more children nodes that each are respectively associated with playlists of music items;

an artist node having one or more children nodes that are each respectively associated with a selected author;

a genre node having one or more children nodes that are each respectively associated with a selected genre; and

an album node having one or more children nodes that are each respectively associated with a selected album.

38. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein at least one of the plurality of children nodes relates to at least one music track accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to move or copy the display of at least one of the plurality of children nodes or at least one music track from a first location, where the at least one of the plurality of children nodes or the

Appl. No. : 09/550,545
Filed : April 14, 2000

at least one music track indicates an association with one of the plurality of nodes in the hierarchical graphical library tree, to one of a plurality of user-indicated second locations where the at least one of the plurality of children nodes or the at least one music track indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, the moving or copying being performed in response to a signal from an input device used to indicate a move or a copy of the at least one of the plurality of children nodes or the at least one music track from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

~~The computer program product of Claim 37, wherein the computer readable program code causes said client electronic device to display on the said client electronic device the hierarchical graphical library tree comprising at least a playlist node having one or more children nodes that each are respectively associated with playlists of music items.~~

39. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein at least one of the plurality of children nodes relates to at least one music track accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to move or copy the display of at least one of the plurality of children nodes or at least one music

Appl. No. : 09/550,545
 Filed : April 14, 2000

track from a first location, where the at least one of the plurality of children nodes or the at least one music track indicates an association with one of the plurality of nodes in the hierarchical graphical library tree, to one of a plurality of user-indicated second locations where the at least one of the plurality of children nodes or the at least one music track indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, the moving or copying being performed in response to a signal from an input device used to indicate a move or a copy of the at least one of the plurality of children nodes or the at least one music track from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

~~The computer program product of Claim 37,~~ wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least an artist node having one or more children nodes that are each respectively associated with a selected author.

40. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein at least one of the plurality of children nodes relates to at least one music track accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to move or copy the display of at least one of the plurality of children nodes or at least one music

Appl. No. : 09/550,545
Filed : April 14, 2000

track from a first location, where the at least one of the plurality of children nodes or the at least one music track indicates an association with one of the plurality of nodes in the hierarchical graphical library tree, to one of a plurality of user-indicated second locations where the at least one of the plurality of children nodes or the at least one music track indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, the moving or copying being performed in response to a signal from an input device used to indicate a move or a copy of the at least one of the plurality of children nodes or the at least one music track from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

~~The computer program product of Claim 37,~~ wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least a genre node having one or more children nodes that are each respectively associated with a selected genre.

41. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein at least one of the plurality of children nodes relates to at least one music track accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to move or copy the display of at least one of the plurality of children nodes or at least one music

Appl. No. : 09/550,545
Filed : April 14, 2000

track from a first location, where the at least one of the plurality of children nodes or the at least one music track indicates an association with one of the plurality of nodes in the hierarchical graphical library tree, to one of a plurality of user-indicated second locations where the at least one of the plurality of children nodes or the at least one music track indicates an association with another of the plurality of nodes in the hierarchical graphical library tree, the moving or copying being performed in response to a signal from an input device used to indicate a move or a copy of the at least one of the plurality of children nodes or the at least one music track from the first location to the second location in the hierarchical graphical library tree, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse; and

~~The computer program product of Claim 37, wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least an album node having one or more children nodes that are each respectively associated with a selected album.~~

42. (Previously Presented) The computer program product of Claim 37, wherein the plurality of children nodes correspond to music tracks stored on a CD.

43. (Previously Presented). The computer program product of Claim 37, further comprising computer readable program code for causing said client electronic device to receive an input signal to indicate a change in the association of one of the plurality of children nodes, and wherein the computer readable program code causes said client electronic device to move or copy the display in response thereto.

44. (Previously Presented) The computer program product of Claim 43, wherein the input signal corresponds to a user having selected and dragged one of the plurality of children nodes.

45. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

Appl. No. : 09/550,545
Filed : April 14, 2000

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein each of the plurality of children nodes relates to one or more music track(s) accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to receive a signal from an input device, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse, the signal indicating selection of a first child node of the plurality of children nodes [[using]] in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the first child node of the plurality of children nodes [[using]] in the hierarchical graphical library tree, one or more music track(s) associated with the first child node of the plurality of children nodes and accessible by the client electronic device;

computer readable program code for causing said client electronic device to change the association of at least one of the one or more music track(s) from a first child node of the plurality of children nodes to a second child node of the plurality of children nodes;

computer readable program code for causing said client electronic device to receive a signal indicating a user-indicated selection of the second child node of a plurality of children nodes [[using]] in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the second child node of the plurality of children nodes [[using]] in the hierarchical graphical library tree, the at least one of the one or more music track(s); [[and]]

computer readable program code for receiving a signal indication of a selection of one of the one or more music track(s) the nodes and for causing the music track corresponding to the selected node to be rendered when the track is selected; and

Appl. No. : 09/550,545
Filed : April 14, 2000

wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least one of:

a playlist node having one or more children nodes that each are respectively associated with playlists of music items;

an artist node having one or more children nodes that are each respectively associated with a selected author;

a genre node having one or more children nodes that are each respectively associated with a selected genre; and

an album node having one or more children nodes that are each respectively associated with a selected album.

46. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein each of the plurality of children nodes relates to one or more music track(s) accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to receive a signal from an input device, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse, the signal indicating selection of a first child node of the plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon

Appl. No. : 09/550,545
Filed : April 14, 2000

selection of the first child node of the plurality of children nodes in the hierarchical graphical library tree, one or more music track(s) associated with the first child node of the plurality of children nodes and accessible by the client electronic device;

computer readable program code for causing said client electronic device to change the association of at least one of the one or more music track(s) from a first child node of the plurality of children nodes to a second child node of the plurality of children nodes;

computer readable program code for causing said client electronic device to receive a signal indicating a user-indicated selection of the second child node of a plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the second child node of the plurality of children nodes in the hierarchical graphical library tree, the at least one of the one or more music track(s);

computer readable program code for receiving a signal indication of a selection of one of the one or more music track(s) the nodes and for causing the music track corresponding to the selected node to be rendered when the track is selected; and

~~The computer program product of Claim 45,~~ wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least a playlist node having one or more children nodes that each are respectively associated with playlists of music items.

47. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the

Appl. No. : 09/550,545
 Filed : April 14, 2000

plurality of nodes and a plurality of children nodes, wherein each of the plurality of children nodes relates to one or more music track(s) accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to receive a signal from an input device, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse, the signal indicating selection of a first child node of the plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the first child node of the plurality of children nodes in the hierarchical graphical library tree, one or more music track(s) associated with the first child node of the plurality of children nodes and accessible by the client electronic device;

computer readable program code for causing said client electronic device to change the association of at least one of the one or more music track(s) from a first child node of the plurality of children nodes to a second child node of the plurality of children nodes;

computer readable program code for causing said client electronic device to receive a signal indicating a user-indicated selection of the second child node of a plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the second child node of the plurality of children nodes in the hierarchical graphical library tree, the at least one of the one or more music track(s);

computer readable program code for receiving a signal indication of a selection of one of the one or more music track(s) the nodes and for causing the music track corresponding to the selected node to be rendered when the track is selected; and

~~The computer program product of Claim 45,~~ wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least an artist node having one or more children nodes that are each respectively associated with a selected author.

Appl. No. : 09/550,545
Filed : April 14, 2000

48. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein each of the plurality of children nodes relates to one or more music track(s) accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to receive a signal from an input device, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse, the signal indicating selection of a first child node of the plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the first child node of the plurality of children nodes in the hierarchical graphical library tree, one or more music track(s) associated with the first child node of the plurality of children nodes and accessible by the client electronic device;

computer readable program code for causing said client electronic device to change the association of at least one of the one or more music track(s) from a first child node of the plurality of children nodes to a second child node of the plurality of children nodes;

computer readable program code for causing said client electronic device to receive a signal indicating a user-indicated selection of the second child node of a plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the second child node of the plurality of

Appl. No. : 09/550,545
Filed : April 14, 2000

children nodes in the hierarchical graphical library tree, the at least one of the one or more music track(s);

computer readable program code for receiving a signal indication of a selection of one of the one or more music track(s) the nodes and for causing the music track corresponding to the selected node to be rendered when the track is selected; and

The computer program product of Claim 45, wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least a genre node having one or more children nodes that are each respectively associated with a selected genre.

49. (Currently Amended) A computer program product for use in a system having at least one client electronic device and one network server coupled to said network environment, the computer program product comprising:

a computer usable medium having computer readable program code physically embodied therein, said computer program product further comprising:

computer readable program code for causing said client electronic device to display on said client electronic device music item classifications with a plurality of nodes using either a graphical image or text symbols;

computer readable program code for causing said client electronic device to display on said client electronic device with a hierarchical graphical library tree the plurality of nodes and a plurality of children nodes, wherein each of the plurality of children nodes relates to one or more music track(s) accessible by the client electronic device and a placement of each of the plurality of children nodes within the hierarchical graphical library tree indicates an association with one of the plurality of nodes;

computer readable program code for causing said client electronic device to receive a signal from an input device, the input device comprising at least one of a keyboard, a rollerball, a pen, a stylus, a touchscreen, a microphone, and a mouse, the signal indicating selection of a first child node of the plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the first child node of the plurality of children nodes in the hierarchical

Appl. No. : 09/550,545
Filed : April 14, 2000

graphical library tree, one or more music track(s) associated with the first child node of the plurality of children nodes and accessible by the client electronic device;

computer readable program code for causing said client electronic device to change the association of at least one of the one or more music track(s) from a first child node of the plurality of children nodes to a second child node of the plurality of children nodes;

computer readable program code for causing said client electronic device to receive a signal indicating a user-indicated selection of the second child node of a plurality of children nodes in the hierarchical graphical library tree and to display on said client electronic device, upon selection of the second child node of the plurality of children nodes in the hierarchical graphical library tree, the at least one of the one or more music track(s);

computer readable program code for receiving a signal indication of a selection of one of the one or more music track(s) the nodes and for causing the music track corresponding to the selected node to be rendered when the track is selected; and

~~The computer program product of Claim 45,~~ wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least an album node having one or more children nodes that are each respectively associated with a selected album.

50. (Previously Presented) The computer program product of Claim 45, wherein the plurality of children nodes correspond to music tracks stored on a CD.

51. (Previously Presented) The computer program product of Claim 45, further comprising computer readable program code for causing said client electronic device to receive an input signal to indicate a change in the association of one of the music tracks, and wherein the computer readable program code causes said client electronic device to move or copy the display of one of the music tracks in response thereto.

52. (Previously Presented) The computer program product of Claim 51, wherein the input signal corresponds to a user having selected and dragged one of the music.

Appl. No. : 09/550,545
Filed : April 14, 2000

53. (Previously Presented) The computer program product of Claim 46, wherein portions of the hierarchical graphical library tree are displayed on different displays on the client electronic device.

54. (Previously Presented) The electronic device of Claim 15, wherein the input device is operative to provide an indication of a selection of the music track information, and the music track information is rendered by the electronic device in response to the selection indication.

55. (Previously Presented) The electronic device of Claim 15, wherein the second location is in the hierarchical graphical library tree.

56. (Previously Presented) The electronic device of Claim 15, wherein the first location and the second location are in the hierarchical graphical library tree.

57. (Currently Amended) The electronic device of Claim 15, wherein [[using]] to indicate a move or a copy in the hierarchical graphical library tree includes selecting and dragging the child node or the music track information.

58. (Currently Amended) The method of Claim 29, [[using]] to indicate a move or a copy in the hierarchical graphical library tree includes selecting and dragging the at least one of the children node(s) or the music track information.

59. (Previously Presented) The method of Claim 29 further comprising:
receiving an indication from the input device of a selection of one of the one or more music track(s); and
rendering the one of the one or more music track(s) in response to the indication.

60. (Previously Presented) The computer program product of Claim 37 further comprising computer readable code for receiving an indication from the input device of a selection of one of the at least one music track and rendering the one of the at least one music track in response to the indication.

61. (Currently Amended) The computer program product of Claim 37, wherein [[using]] to indicate a move or a copy in the hierarchical graphical library tree includes selecting and dragging the at least one of the plurality of children nodes or the at least one music track.

Appl. No. : 09/550,545
Filed : April 14, 2000

62. (Currently Amended) The computer program product of Claim 45, wherein ~~[[using]]~~ selection in the hierarchical graphical library tree includes selecting and dragging the first child node or the at least one of the one or more music tracks.

63. (Previously Presented) The electronic device of Claim 15, wherein the hierarchical graphical library tree comprises at least a music artist node having one or more children nodes that are each displayed in the hierarchical graphical library tree using at least the name of the music artist that corresponds to the child node.

64. (Previously Presented) The method of Claim 29 further comprising wherein the hierarchical graphical library tree comprises at least a music artist node having one or more children nodes that are each displayed in the hierarchical graphical library tree using at least the name of the music artist that corresponds to the child node.

65. (Previously Presented) The computer program product of Claim 37, wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least a music artist node having one or more children nodes that are each displayed in the hierarchical graphical library tree using at least the name of the music artist that corresponds to the child node.

66. (Previously Presented) The computer program product of Claim 45, wherein the computer readable program code causes said client electronic device to display on said client electronic device the hierarchical graphical library tree comprising at least a music artist node having one or more children nodes that are each displayed in the hierarchical graphical library tree using at least the name of the music artist that corresponds to the child node.

67. (New) The electronic device of Claim 16, wherein the child node is movable by selecting and dragging the child node.

68. (New) The electronic device of Claim 16, wherein the child node corresponds to a music track stored on a CD.

69. (New) The electronic device of Claim 17, wherein the child node is movable by selecting and dragging the child node.

70. (New) The electronic device of Claim 17, wherein the child node corresponds to a music track stored on a CD.

Appl. No. : **09/550,545**
Filed : **April 14, 2000**

71. (New) The electronic device of Claim 18, wherein the child node is movable by selecting and dragging the child node.

72. (New) The electronic device of Claim 18, wherein the child node corresponds to a music track stored on a CD.

73. (New) The electronic device of Claim 19, wherein the child node is movable by selecting and dragging the child node.

74. (New) The electronic device of Claim 19, wherein the child node corresponds to a music track stored on a CD.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.